PTO/SB/21 (01-03) Approved for use through 04/30/2003. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE are required to respond to a collection of information unless it displays a valid OMB control number Application Number 09/900.699 **TRANSMITTAL** Filing Date July 6, 2001 **FORM** First Named Inventor Thomas J. Brennan Art Unit (to be used for all correspondence after initial filing) Examiner Name Celine X. Qian Attorney Docket Number R-173 Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance Communication Fee Transmittal Form Drawing(s) to Group Appeal Communication to Board Licensing-related Papers Fee Attached of Appeals and Interferences Appeal Communication to Group ~ Petition (Appeal Notice, Brief, Reply Brief) Amendment/Reply Petition to Convert to a Proprietary Information After Final Provisional Application Power of Attorney, Revocation Status Letter Affidavits/declaration(s) Change of Correspondence Address Other Enclosure(s) (please Terminal Disclaimer Extension of Time Request Identify below): Request for Refund Express Abandonment Request CD, Number of CD(s) Information Disclosure Statement Remarks Certified Copy of Priority RECEIVED Document(s) Response to Missing Parts/ Incomplete Application FEB 1 3 2003 Response to Missing Parts TECH CENTER 1600/2900 under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Kelly L. Quast, Reg. No. 52,141 Individual Signature Kelly Uneut Date February 5, 2003 CERTIFICATE OF TRANSMISSION/MAILING I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: February 5, 2003

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents. Washington, DC 20231.

February 5, 2003

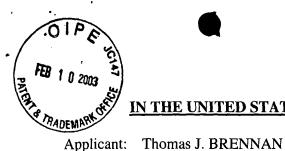
Date

Typed or printed

Signature

Don Mixon

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Į.

Group Art Unit:

1636

Serial No.: 09/900,699

Receptor Gene Disruptions

Transgenic Mice Containing DEZ Orphan

July 6, 2001

Examiner: Qian, Celine X.

Customer No.

26619

Docket/Order No.

R-173

Date:

February 5, 2003

AMENDMENT

Commissioner for Patents Washington, D.C. 20231

Dear Sir:

Filed:

Title:

In response to the Office Action mailed November 5, 2002 in connection with the above-identified application, Applicant requests entry and consideration of the following amendments and remarks.

RECEIVED

THE AMENDMENTS

FEB 1 3 2003

TECH CENTER 1600/2900

In the Claims:

Please cancel claims 1-10 and 17-19.

Please add claims 21-27 below.



- 21. (New) A transgenic mouse comprising a disruption in an endogenous DEZ receptor gene, wherein where the disruption is homozygous, the transgenic mouse lacks production of functional DEZ receptor protein and exhibits decreased agility or coordination, relative to a wild-type mouse.
- 22. (New) The transgenic mouse of claim 21, wherein the decreased agility or coordination is characterized by decreased performance on an accelerating rotarod.
- 23. (New) A cell or tissue isolated from the transgenic mouse of claim 21.